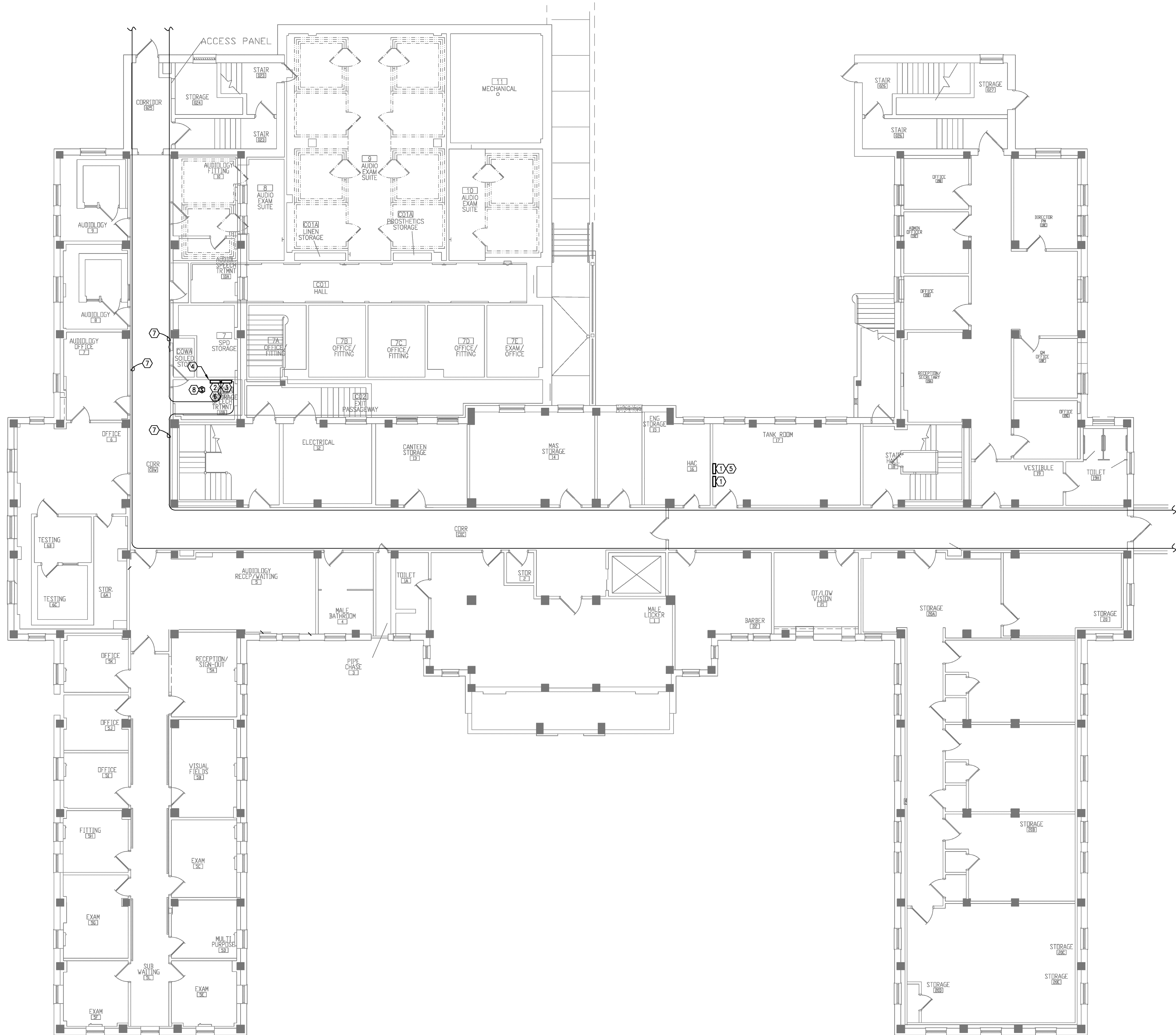


three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot



#### GENERAL NOTES

- ALL FIBER OPTIC CABLES ARE TO BE ROUTED IN 1" EMT CONDUIT ORANGE IN COLOR, NO LP'S OR CONDUIT BODIES ARE ALLOWED. PROVIDE MINIMUM 12"x12" J-BOXES WHERE REQUIRED. ALL J-BOXES TO BE ORANGE IN COLOR AND TO BE STENCILED "ENGINEERING FIBER OPTIC".
- PROVIDE ALL CUTTING AND PATCHING (INCLUDING FIRE STOPPING) OF FLOORS, WALLS, OR CEILINGS REQUIRED FOR THE FIRE ALARM SYSTEM, MATCH ADJACENT SURFACES.
- THESE DRAWINGS SHOW THE GENERAL LOCATIONS OF EXISTING FIRE ALARM CONTROL PANELS AND REMOTE FIRE ALARM ANNUNCIATORS. THE CONTRACTOR SHALL REMOVE ALL EXISTING CONTROL PANELS, ANNUNCIATORS AND ASSOCIATED FIRE ALARM NETWORK CONTROL COMPONENTS AND REPLACE WITH NEW ADDRESSABLE FIRE ALARM CONTROL PANELS. REMOVE FIRE ALARM ANNUNCIATORS AND ASSOCIATED COMPONENTS AS SHOWN ON THESE DRAWINGS AND OUTLINED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT.
- NEW NETWORK FIRE ALARM CONTROL PANELS SHALL BE CONNECTED WITH A NEW FIBER OPTIC PATHWAY INSTALLED IN CONDUIT AND ARRANGED FOR DATA AND VOICE COMMUNICATION.
- THE EXISTING FIRE ALARM NETWORK IS AN EDWARDS IRD3 MULTIPLEX FIRE ALARM SYSTEM UTILIZING ANALOG ADDRESSABLE SIGNALING LINE CIRCUIT TECHNOLOGY. EXISTING ANALOG ADDRESSABLE INITIATING DEVICES, SIGNALING LINE CIRCUIT WIRING, NOTIFICATION APPLIANCES, NOTIFICATION APPLIANCE WIRING, AND CONTROL CIRCUIT WIRING SHALL REMAIN AND CONNECT TO NEW FIRE ALARM CONTROL PANELS. NEW FIRE ALARM CONTROL PANELS SHALL BE ARRANGED FOR COMPATIBILITY WITH EXISTING DEVICES, APPLIANCE AND CONTROL CIRCUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.
- EXISTING NOTIFICATION APPLIANCE SIGNALING IS ACCOMPLISHED WITH CONVENTIONAL HORN/STROBES AND SHALL REMAIN. THE NEW NETWORK FIRE ALARM SYSTEM SHALL BE ARRANGED WITH CONNECTIONS AND COMPONENTS FOR A FUTURE UPGRADE TO DIGITAL EMERGENCY VOICE/ALARM COMMUNICATIONS AS REQUIRED BY THE SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT NEW CONDUIT AND WIRING FOR A COMPLETE SYSTEM. ALL ABANDONED FIRE ALARM WIRING AND RACEWAY SHALL BE REMOVED.
- SEE SPECIFICATIONS FOR INITIATING DEVICE, NOTIFICATION APPLIANCE CIRCUIT AND CONTROL CIRCUIT SCHEDULES FOR EXISTING FIRE ALARM CONTROL PANELS.
- SEE SPECIFICATIONS FOR PHASING AND IMPAIRMENT REQUIREMENTS.

#### PLAN NOTES

- DEMOLISH EXISTING FIRE ALARM CONTROL PANEL AND POWER SUPPLIES.
- PROVIDE NEW NETWORK FIRE ALARM CONTROL PANEL. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PROVIDE NEW FIBER OPTIC TERMINATION CABINET.
- PROVIDE NEW 3/4"x4"x8" PAINTED, FIRE RETARDANT PLYWOOD BACKBOARD.
- DEMOLISH EXISTING FIRE ALARM CONTROL PANEL CIRCUIT COMPLETE BACK TO SOURCE. REMOVE CIRCUIT BREAKER LOCK AND PROVIDE NEW TYPED PANEL DIRECTORY.
- PROVIDE NEW 120V/20A CIRCUIT FROM PANEL 29-ES1-1, CIRCUIT #17. PROVIDE NEW 00B 20A/1P CIRCUIT BREAKER, CIRCUIT BREAKER LOCK AND NEW TYPED PANEL DIRECTORY.
- APPROXIMATE ROUTE OF NEW FIBER OPTIC CONDUITS/CABLES. VERIFY ACTUAL ROUTE WITH EXISTING CONDITIONS. REFER TO SITE PLAN ON FS100 FOR CONTINUATION.
- PROVIDE SMOKE DETECTOR AT NEW FIRE ALARM CONTROL PANEL LOCATION.

**BUILDING 29 FIRE ALARM PLAN - BASEMENT**  
SCALE = 1/8"=1'-0"

**100% Construction Documents - For Construction**

NO	REVISION	DATE



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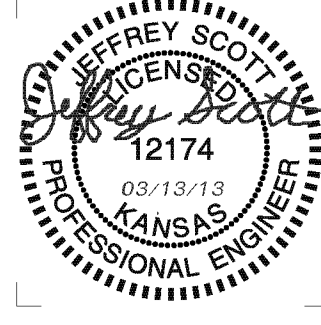


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DRAWING TITLE	BUILDING 29 FIRE ALARM PLAN - BASEMENT
APPROVED: PROJECT DIRECTOR	DATE:

PROJECT TITLE	FIRE ALARM REPLACEMENT
DATE	08.12.2013
DESIGNED BY	AS NOTED
CHECKED BY	02213001
APPROVED BY	XXX
PROJECT NO.	ST. CLOUD VA MEDICAL CENTER
PROJECT NO.	ST. CLOUD, MN 56303
PROJECT NO.	FA100-29

